



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Much needed rainfall arrived last week across the State as significant rainfall provided higher rainfall totals in a four day period than the October monthly normal. The heavy rain provided much needed relief from drought conditions. Temperatures in the Commonwealth averaged 56 degrees, which was 1 degree above normal and 11 degrees below last week. There were 2.3 days suitable for fieldwork. Main farm activities were harvesting corn and soybeans, and stripping tobacco. **Topsoil moisture** was rated 8 percent very short, 13 percent short, 58 percent adequate, 21 percent surplus as of Sunday, October 28. **Subsoil moisture** was rated 32 percent very short, 24 percent short, 38 percent adequate, and 6 percent surplus.

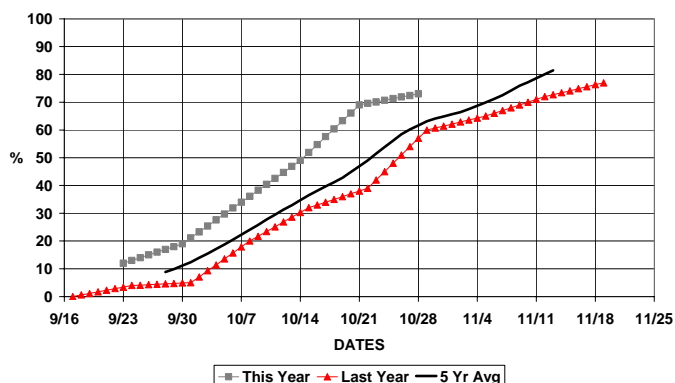
TOBACCO: Increased humidity helped tobacco curing and stripping. The condition of stripped tobacco was reported as 3 percent very poor, 13 percent poor, 33 percent fair, 41 percent good and 10 percent excellent. Twenty-four percent of tobacco had been stripped compared to 23 percent last year and 25 percent the five year average.

CORN: The corn harvest was nearly complete with 98 percent of the crop combined as of Sunday, October 28. This continued well ahead of the 89 percent harvested last year and the five year average of 93 percent. Heavy rain prevented completion of combining.

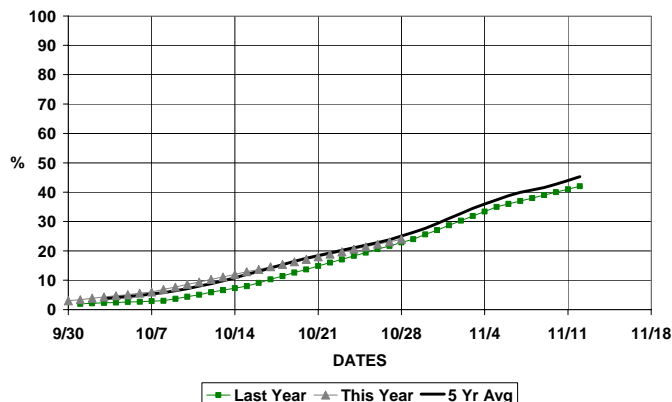
SOYBEANS: Very wet field conditions slowed the soybean harvest. As of Sunday, October 28, 73 percent of the soybeans had been harvested, well ahead of the 57 percent reported last year and the five year average of 62 percent.

OTHER CROPS AND PASTURE: As of Sunday, October 28, 65 percent of wheat was seeded, behind 67 percent seeded last year and ahead 62 percent for the five year average. Pasture condition improved dramatically with rainfall with 28 percent very poor, 35 percent poor, 27 percent fair, 9 percent good, and 1 percent excellent. Eighty-four percent of producers reported they will not have an adequate supply of hay for this winters feeding. Rain replenished drought stricken stock ponds.

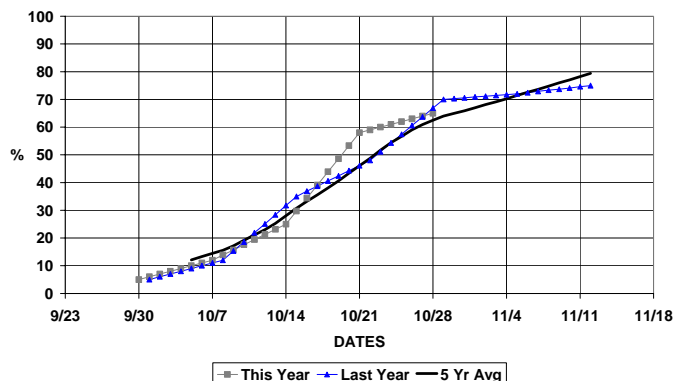
SOYBEANS HARVESTED PROGRESS



BURLEY TOBACCO PERCENT STRIPPED



WINTER WHEAT SEEDING COMPLETED



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 28, 2007

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Harvested	73	57	62	69	75
Corn					
Harvested	98	89	93	97	60
Burley Tobacco					
Stripped	24	23	25	18	NA
Winter Wheat					
Planted	65	67	62	58	82

(NA)Data Not Available.

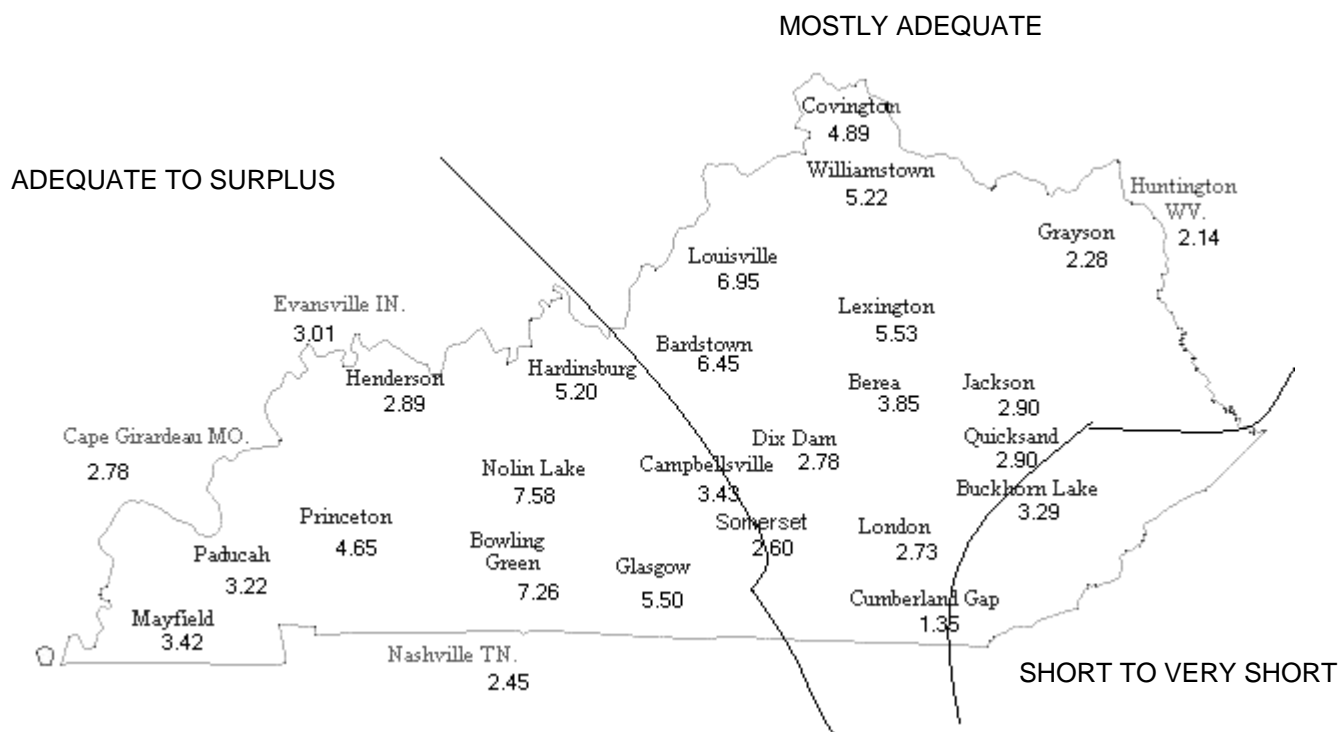
SOIL MOISTURE
WEEK ENDING OCTOBER 28, 2007

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	8	49
Short	13	32
Adequate	58	18
Surplus	21	1
SUBSOIL		
Very Short	32	64
Short	24	29
Adequate	38	7
Surplus	6	0

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING OCTOBER 28, 2007						WEEK ENDING OCTOBER 21, 2007				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Winter Wheat	1	7	20	53	19	6	16	34	32	12
Pasture	28	35	27	9	1	49	31	18	2	0
Stripped Tobacco	3	13	33	41	10	3	16	27	43	11

PRECIPITATION MAP AND TOPSOIL MOISTURE DELINEATION
WEEK ENDING OCTOBER 28, 2007



KENTUCKY WEATHER SUMMARY, OCTOBER 22 - 28, 2007:

Above normal temperatures and rainfall:

Much needed rainfall arrived last week to the Bluegrass State as a significant rainfall event at the beginning of last week provided higher rainfall totals in a 4 day period than the October monthly normal for 3 out of the 4 climate divisions. Although last week was only the third week out of the past thirteen with above normal rainfall, much of the State received enough rain to put a significant dent in the hydrologic drought situation. Above normal temperatures remained the rule as Kentucky experienced the sixth straight week with above normal temperatures.

Temperatures for the period averaged 56 degrees across the State which was 1 degree above normal and 11 degrees below last week. High temperatures averaged from 60 in the West to 64 in the East. Departure from normal high temperatures ranged from 8 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 48 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 8 degrees above normal in the East.

Rainfall for the period totaled 4.11 inches statewide which was 3.37 inches above normal. Rainfall totals by climate division, West 4.24 inches, Central 6.27 inches, Bluegrass 4.52 inches and East 2.18 inches, which was 3.47, 5.43, 3.81 and 1.51 inches respectively above normal. By station, rainfall totals ranged from a low of 0.78 inches at Bristol to a high of 7.58 inches at Nolin Lake.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 28, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average	
										High	Low
	(Inches)			(Degrees Fahrenheit)							
Bardstown	6.45	27.65	7.67	+1.19	+5.35	70	43	54.9	+0	90	45
Berea	3.85	22.15	4.49	-5.81	+1.96	80	45	59.1	+6	81	49
Bowling Green	7.26	23.10	8.38	-5.03	+5.65	69	47	55.8	+1	89	42
Bristol	0.78	12.99	1.50	-10.84	-0.84	79	49	62.3	+9	91	41
Buckhorn Lake	3.29	16.35	3.92	-10.36	+1.37	73	46	55.2	+2	82	41
Cape Girardeau	2.78	22.04	6.07	-4.36	+3.36	65	38	51.9	-5	91	42
Campbellsville	3.43	26.52	4.28	-5.00	+1.43	78	45	57.1	+3	90	50
Covington	4.89	17.93	7.07	-6.99	+4.49	75	39	55.1	+2	87	42
Cumberland Gap	1.35	17.17	1.99	-11.64	-0.99	73	48	56.8	+4	92	42
Dix Dam	2.78	19.15	3.31	-8.33	+0.73	74	48	57.2	+4	83	43
Evansville	3.01	18.99	5.27	-5.98	+2.68	67	42	53.6	-3	86	44
Glasgow	5.50	27.86	6.27	-2.30	+3.55	78	44	57.6	+3	92	49
Grayson	2.28	21.08	3.06	-4.71	+0.36	74	47	57.1	+4	90	49
Hardinsburg	5.20	25.80	6.60	-2.12	+3.85	81	44	55.9	+1	93	55
Henderson	2.89	24.61	4.40	-1.22	+1.89	67	47	54.1	-3	86	44
Huntington	2.14	13.94	2.97	-11.96	+0.30	75	44	57.1	+4	90	44
Jackson	2.90	18.49	3.80	-9.32	+1.17	74	45	58.2	+5	80	41
Lexington	5.53	25.42	6.53	-1.04	+4.21	71	42	55.5	+2	88	44
London	2.73	17.19	3.41	-8.65	+0.92	72	46	58.0	+5	87	41
Louisville	6.95	26.64	8.69	+0.67	+6.24	67	42	54.4	-0	81	39
Mayfield	3.42	15.83	5.95	-13.15	+2.69	73	46	56.0	-1	90	49
Nashville	2.45	14.48	3.32	-11.55	+0.95	73	47	57.2	+3	91	44
Nolin Lake	7.58	28.61	9.09	-1.20	+6.23	76	48	56.5	+2	89	46
Paducah	3.22	22.51	5.82	-5.42	+3.11	66	42	53.1	-4	86	42
Princeton	4.65	22.56	5.84	-5.43	+3.09	77	45	56.6	-0	89	42
Quicksand	2.90	18.18	3.80	-9.63	+1.17	73	45	54.9	+2	91	49
Somerset	2.60	19.98	3.70	-9.44	+0.75	83	43	57.6	+4	91	42
Spindletop	4.39	22.98	5.28	-3.48	+2.96	72	40	55.4	+2	92	46
Williamstown	5.22	27.42	7.13	+0.94	+4.43	73	48	55.8	+3	90	49

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 21, 2007

Corn Percent Harvested

Stat	Oct 21 2007	Prev Week	Prev Year	5-Yr Avg
CO	49	37	29	38
IL	92	81	72	75
IN	69	58	36	49
IA	41	37	46	49
KS	84	83	82	83
KY	97	96	84	88
MI	36	26	22	31
MN	52	47	49	45
MO	85	83	89	86
NE	44	37	36	45
NC	98	95	95	93
ND	41	27	50	38
OH	40	24	17	33
PA	48	41	49	52
SD	39	36	34	37
TN	100	99	97	97
TX	93	*92	97	94
WI	38	29	25	30
ALL	60	53	51	55
These 18 States harvested 95% of last year's corn acreage. *Revised.				

Soybeans Percent Harvested

State	Oct 21 2007	Prev Week	Prev Year	5-Yr Avg.
AR	65	56	75	60
IL	93	86	81	84
IN	82	69	57	75
IA	76	71	90	93
KS	54	43	62	62
KY	69	49	38	47
LA	93	90	94	81
MI	62	50	43	68
MN	86	84	98	89
MS	93	89	99	90
MO	57	47	63	58
NE	59	52	81	85
NC	17	9	11	11
ND	80	74	95	90
OH	86	66	51	69
SD	69	61	91	88
TN	64	54	59	49
WI	52	45	63	68
ALL	75	66	76	78
These 18 States harvested 96% of last year's soybean acreage.				

Winter Wheat Percent Planted

State	Oct 21 2007	Prev Week	Prev Year	5-Yr Avg.
AR	36	20	52	35
CA	20	18	7	13
CO	100	96	100	100
ID	92	85	93	94
IL	91	70	80	74
IN	85	69	68	73
KS	83	71	92	89
MI	86	76	60	83
MO	53	41	59	55
MT	96	91	93	97
NE	100	97	98	98
NC	9	7	19	20
OH	94	78	55	76
OK	78	68	84	87
OR	81	78	89	68
SD	100	95	100	98
TX	74	67	77	78
WA	93	90	95	96
ALL	82	73	84	84
These 18 States harvested 92% of last year's winter wheat acreage.				

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.